

(19)日本国特許庁 (J P)

(12) 公 開 特 許 公 報 (A)

(11)特許出願公開番号

特開2003-156161

(P2003-156161A)

(43)公開日 平成15年5月30日(2003.5.30)

(51)Int.Cl.⁷

識別記号

F I

テーマコード(参考)

F 1 6 K 11/18

F 1 6 K 11/18

Z 3 H 0 6 7

C 0 2 F 1/28

C 0 2 F 1/28

S 4 D 0 2 4

審査請求 未請求 請求項の数 5 O L (全 5 頁)

(21)出願番号 特願2002-213562(P2002-213562)

(22)出願日 平成14年7月23日(2002.7.23)

(31)優先権主張番号 特願2001-270018(P2001-270018)

(32)優先日 平成13年9月6日(2001.9.6)

(33)優先権主張国 日本 (J P)

(71)出願人 000003159

東レ株式会社

東京都中央区日本橋室町2丁目2番1号

(72)発明者 板倉 純二

滋賀県大津市園山1丁目1番1号 東レ株

式会社滋賀事業場内

(72)発明者 米澤 康男

滋賀県大津市園山1丁目1番1号 東レ株

式会社滋賀事業場内

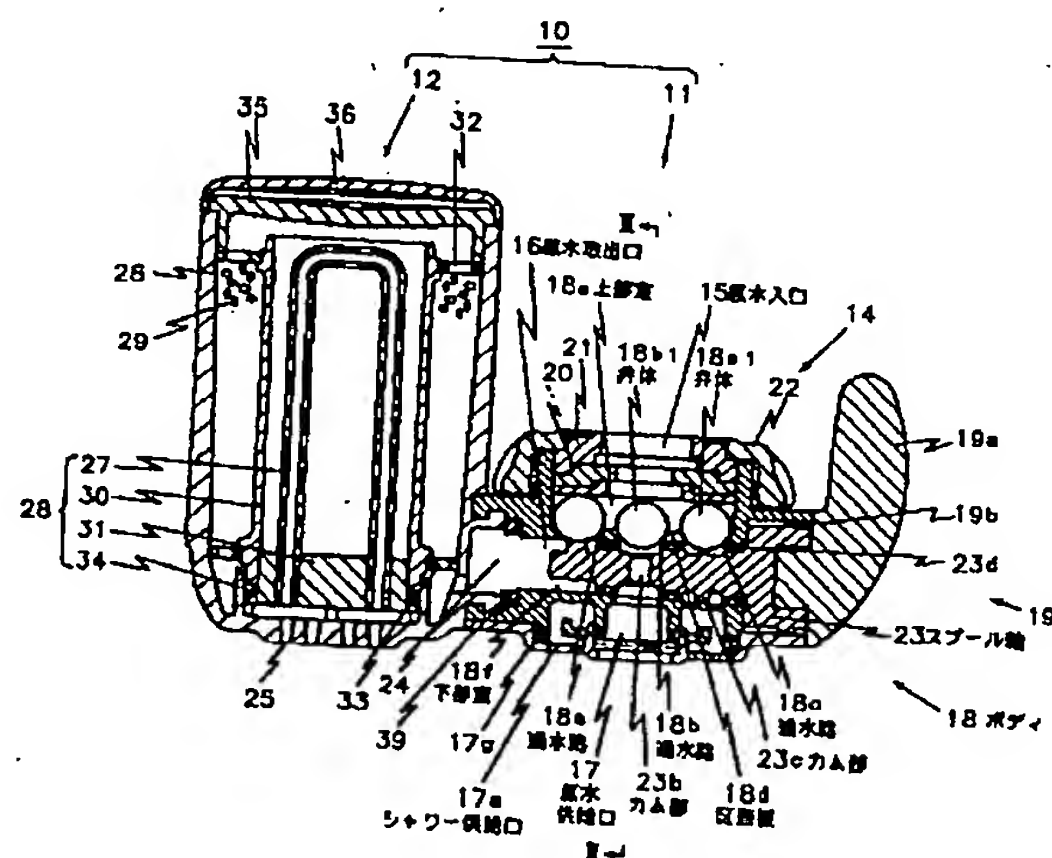
最終頁に続く

(54)【発明の名称】 流路切換器

(57)【要約】

【課題】切換操作力を小さくしつつ高いシール性および耐久性を発揮できる流路切換器を提供する。

【解決手段】ボディを有し、そのボディ内には、流体流入口を有する上部室および複数個の流体流出口を有する下部室を形成する区画板と、上部室と複数個の流体流出口のそれぞれとを連通する、区画板に設けられた複数個の流体通路と、区画板に当接して流体通路を閉塞する複数個の弁体とを備え、かつ、区画板の、弁体が当接する部位が弾性体で形成されている流路切換器とする。



BEST AVAILABLE COPY

* NOTICES *

Japan Patent Office is not responsible for any damages caused by the use of this translation.

1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

CLAIMS

[Claim(s)]

[Claim 1] The passage change machine characterized by forming the part which is equipped with the following and the valve element of a partition board contacts by the elastic body. The partition board which forms the lower room which has the body and has the up room and two or more fluid tap holes which have a fluid input in the body. Two or more fluid channels prepared in the partition board which opens an up room and each of two or more fluid tap holes for free passage. Two or more valve elements which blockade a fluid channel in contact with a partition board.

[Claim 2] The part which a valve element contacts is a passage change machine according to claim 1 or 2 currently formed by the elastic body in within the limits whose rubber degree of hardness is 50 - 95 degrees.

[Claim 3] The passage change machine according to claim 1 to 3 with which the valve element consists of non-corrosive members.

[Claim 4] A partition board is a passage change machine according to claim 1 to 3 with which it has the part which a valve element contacts, and the part which a valve element does not contact, and the body and the part which the part which the valve element of a partition board contacts, and a valve element do not contact are fabricated by thermoplastics in one.

[Claim 5] The water purifier equipped with one of the passage change machines and filtering mediums of claims 1-4.

[Translation done.]

BEST AVAILABLE COPY